\$EPA

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System Part II: Compliance Evaluation

(This information is solicited under the authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604

Michigan DI Program

II. Date Prepared (month, day, year) IV. Reporting Period (month, year) III. State Contact (name, telephone no.) March 08, 2019 September 30, 2010 October 1, 2009 Class and Type of Injection Wells SWD ER HC 2H Ш IV Item 20 Total 2 2 324 66 n 222 Number of Wells with Violations Wells 1. Number of Unauthorized Ð 0 0 0 0 0 Injection Violations ٧. 2. Number of Mechanical Integrity Violations 2 1 51 79 0 0 Summary Number of Operation and 0 5 2 0 0 0 Maintenance Violations Total of Violations 4. Number of Plugging 0 0 0 0 0 0 and Abandonment Violations Violations 5. Number of Monitoring and Ω 22 3 0 1 1 Reporting Violations 6. Number of Other Violations 0 48 1 ٥ ٥ 221 (Specify) Number of Wells with 47 0 Total Wells 161 2 1 **Enforcement Actions** 1. Number of Notices of Violation n 0 1 41 4 1 2. Number of Consent Agreements 0 0 0 0 0 0 VI. 3. Number of Administrative Orders 0 0 0 0 0 Û Summary 4. Number of Civil Referrals 0 0 0 ٥ 0 0 Total of Enforcement 5. Number of Criminal Referrals Actions 0 0 0 0 0 0 Enforcement 6, Number of Well Shut-ins n 19 41 Λ 2 O 7. Number of Pipeline Severances 0 0 0 0 0 0 8. Number of Other Enforcement Actions 0 0 0 0 0 0 (Specify) A. This Quarter VII. Summary Number of Wells Returned to Compliance B. This Year of 2 78 64 0 * 139 Compliance VIII. Number of Cases of Alleged Contamination of a USDW 0 0 0 0 0 0 Contamination 78 0 50 100 Percent of MIT Violations Resolved in 90 Days 100 86 MIT Resolved X. Remarks/Ad Hoc Report (Attach additional sheets) Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. Signature and Typed or Printed Name and Title of Person Completing Form Date Telephone No.

Approval Expires 4/30/22

SEPA

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System
Part II: Compliance Evaluation

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U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard

Chicago, IL 60604

Michigan DI Program

II. Date Prepared (month, day, year)

March 08, 2019

III. State Contact (name, telephone no.)

IV. Reporting Period (month, year)

October 1, 2010

m

To

September 30, 2011

| | | | | | | | Class and | Type of Inje | ction Wells | | |
|------------------------|----------------------|-------|--|---|-----|-----------|-----------|--------------|-------------|-----|---|
| | | | | | | | II | | | | *************************************** |
| | | | ltern | | | SWD 2D | ER 2R | HC 2H | Ш | ΙV | ν |
| | Total Wells | Á | Number of Wells v | vith Violations | 0 | 13 | 2 | 0 | 0 | 0 | . 26 |
| | | | Number of Unau Injection Violati | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V. | | | 2. Number of Meci | nanical Integrity Violations | 0 | 10 | 2 | 0 | 0 | 0 | 0 |
| Summary of | Total | | Number of Operat Maintenance Vi | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Violations Violations | Violations | В | 4. Number of Plug and Abandonm | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | i. Number of Monitoring and Reporting Violations | | 3 | 0 | 0 | 0 | 0 | . 0 |
| | | | 6. Number of Other Violations (Specify) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tota | Total Wells | A | Number of Wells \ Enforcement Action | | 0 | 7 | 2 | 0 | 0 | 0 | 0 |
| | | æ | 1. Number of Noti | 1. Number of Notices of Violation | | 7 | 2 | 0 | 0 | 0 | 0 |
| | | | 2. Number of Con | sent Agreements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VI. | | | 3, Number of Adm | inistrative Orders | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| of | Total Enforcement | | 4. Number of Civil Referrals | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enforcement | Actions | P | 5. Number of Crin | ninal Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 6. Number of Well | Shut-ins | 0 | 10 | 0 | ۵ | 0 | 0 | 0 |
| | | | 7, Number of Pipe | line Severances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 8. Number of Othe (Specify) | er Enforcement Actions | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VII. Summary | Number of Well | ls | | A. This Quarter | | | | | | | |
| of Compliance | Returned to Co | mpli | ance | B. This Year | 6 | 76 | 74 | 0 | 0 | 0 | 24 |
| VIII. Contamination | Number of Cas | es of | Alleged Contamin | ation of a USDW | 0 | 0 | 0 . | 0 | 0 | 0 | 0 |
| IX. MIT Resolved | Percent of MIT | Viola | itions Resolved in S | 00 Days | 100 | 50 | 100 | 100 | 100 | 100 | 100 |

X. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form

Date

&EPA

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System
Part II: Compliance Evaluation
(This information is solicited under the
authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604

Michigan DI Program

II. Date Prepared (month, day, year)

March 08, 2019

Ili. State Contact (name, felephone no.)

IV. Reporting Period (month, year)

October 1, 2011

September 30, 2012

| | | | | | | | Class and | Type of Inje | ction Wells | | |
|---------------------|----------------------|-----------------------|---|--|-----|-----------|-----------|--------------|-------------|-----|-----|
| | | | | | | | 11 | | | | |
| | | | ltem | | ı | SWD 2D | ER 2R | HC 2H | m | IV | ٧ |
| | Total Wells | Α | Number of Wells v | vith Violations | 1 | 49 | 22 | 0 | 1 | 0 | 128 |
| | | | 1. Number of Unau Injection Violati | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V | | | 2. Number of Mec | nanical Integrity Violations | 1 | 23 | 18 | 0 | 0 | 0 | 0 |
| Summary | Total | _ | Number of Operat Maintenance Vi | | 0 | 4 | 3 | û | 1 | 0 | 0 |
| Viola Violations | Violations | В | | 4. Number of Plugging and Abandonment Violations | | | 0 | 0 | 0 | 0 | 0 |
| | | | 5. Number of Monitoring and Reporting Violations | | 0 | 22 | 1 | 0 | 0 | 0 | 0 |
| | | | 6. Number of Othe (Specify) | | | | 0 | 0 | 0 | 0 | 128 |
| т | Total Wells | A | Number of Wells v Enforcement Activ | | 0 | 21 | 4 | 0 | 1 | 0 | 0 |
| | Total Enforcement | t B | 1. Number of Noti | ces of Violation | 0 | 21 | 4 | 0 | 1 | 0 | 0 |
| | | | 2. Number of Con | sent Agreements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VI. | | | 3. Number of Adn | inistrative Orders | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - | | | 4. Number of Civi | Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enforcement | Actions | | 5, Number of Crin | ninal Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Summary | | | 6, Number of Wel | Shut-ins | ۵ | Q | 0 | 0 | 0 | 0 | 0 |
| | | | 7. Number of Pipe | line Severances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 8. Number of Oth (Specify) | er Enforcement Actions | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VII. Summary | Number of Wel | | | A. This Quarter | | | | | | | |
| | Returned to Co | eturned to Compliance | | B. This Year | | 38 | 13 | 0 | 0 | 0 | 0 |
| VIII. | Number of Cas | es of | Alleged Contamin | ation of a USDW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IX. MIT Resolved | Percent of MIT | Viola | ations Resolved in S | 90 Days | 100 | 100 | 100 | 100 | 100 | 100 | 0 |

X. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form

Date

SEPA

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System Part II: Compliance Evaluation (This information is solicited under the authority of the Safe Drinking Water Act) I. Name and Address of Reporting Agency

U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard

Chicago, IL 60604

II. Date Prepared (month, day, year)
July 09, 2019

III. State Contact (name, telephone no.)

Michigan DI Program

IV. Reporting Period (month, year)

From

October 1, 2012

September 30, 2013

| | | | | | 1. | | | ı | • | , | |
|------------------------|----------------------|-------|--|---|----|-----------|-----------|--------------|-------------|----|---|
| | | | | | | | Class and | Type of Inje | ction Wells | | |
| | | | | | | | II. | | | | |
| | | | Item | | ı | SWD 2D | ER 2R | HC 2H | tei | IV | ٧ |
| | Total Wells | A | Number of Wells v | vith Violations | 0 | 11 | 4 | 0 | 0 | 0 | 0 |
| | | | Number of Unau Injection Violati | | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| V. | | | 2. Number of Mec | nanical Integrity Violations | 0 | 9 | 3 | 0 | 0 | 0 | 0 |
| Summary of | Total | В | Number of Operat Maintenance Vi | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Violations | Violations | | | Number of Plugging and Abandonment Violations | | 1 | ō | 0 | 0 | 0 | 0 |
| Violations | | | 5. Number of Monitoring and Reporting Violations | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | (Specify) | | | 0 | 1 | 0 | 0 | 0 | 0 |
| Total \ | Total Wells | А | Number of Wells v Enforcement Acti- | | 0 | 8 | 8 | 0 | 0 | 0 | 0 |
| | Total Enforcement | В | 1. Number of Noti | 1. Number of Notices of Violation | | 1 | 0 | 0 | 0 | 0 | 0 |
| | | | 2. Number of Con | 2. Number of Consent Agreements | | 0 | 4 | 0 | 0 | 0 | 0 |
| VI. Summary | | | 3, Number of Adm | inistrative Orders | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| of | | | Number of Civil Referrals Number of Criminal Referrals | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enforcement | Actions | | | | 0 | G | 0 | 0 | 0 | 0 | 0 |
| | | | 6. Number of Well | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 7. Number of Pipe | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 8. Number of Othe (Specify) | er Enforcement Actions | 0 | 7 | 5 | 0 | 0 | 0 | 0 |
| VII. Summary | Number of Well | | | A. This Quarter | | | | | | | |
| of Compliance | Returned to Co | mpli | ance | B. This Year | 0 | 6 | 9 | 0 | 0 | 0 | 0 |
| VIII. Contamination | Number of Cas | es of | Alleged Contamin | ation of a USDW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IX. MIT Resolved | Percent of MIT | Viola | ations Resolved in S | 00 Days | 0 | 50 | 40 | 0 | 0 | 0 | 0 |

X. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

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Signature and Typed or Printed Name and Title of Person Completing Form

Date

Approval Expires 4/30/22

SEPA

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System
Part II: Compliance Evaluation
(This information is solicited under the
authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency
U.S. Environmental Protection Agency Region 5
77 West Jackson Boulevard
Chicago, IL 60604

Michigan DI Program

II. Date Prepared (month, day, year)

July 10, 2019

III. State Contact (name, telephone no.)

IV. Reporting Period (month, year)

October 1, 2013

September 30, 2014

| ···· | | | | | | | Class and | Type of Inje | ction Wells | | | |
|------------------------|----------------------|-------|---|---|-------------------|-----------------|-----------|--------------|-------------|------|---|---|
| | | | | | | | ēļ | | | | | |
| 4 | | | item | | 1 | SWD 2D | ER 2R | HC 2H | ill . | . 1V | V | |
| | Total Wells | Α | Number of Wells v | vith Violations | 2 | 11 | 7 | 0 | 2 | 0 | 0 | |
| | | | 1. Number of Unau Injection Violati | | 0 | 0 | O | o | 0 | 0 | 0 | |
| V. | | | 2. Number of Mech | nanical Integrity Violations | 2 | 7 | 4 | 0 | 1 | 0 | 0 | |
| Summary of | Total | В | Number of Operati Maintenance Vid | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | |
| Violations Violations | Violations | В | | 4. Number of Plugging and Abandonment Violations | | 0 | 0 | 0 | 1 | 0 | 0 | |
| | | | 5, Number of Monitoring and Reporting Violations | | 0 | 0 | O | 0 | 0 | 0 | 0 | |
| | | | 6. Number of Other Violations (Specify) | | 0 | 3 | 3 | 0 | 0 | 0 | 0 | |
| Tota | Total Wells | A | Number of Wells v Enforcement Action | | 0 | 10 | 2 | 0 | 1 | 0 | 0 | |
| | | | 1. Number of Notice | 1. Number of Notices of Violation | | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | В | 2. Number of Con- | sent Agreements | 0 | 0 | 0 | 0 | 0 | ٥ | 0 | |
| VI. | | | 3, Number of Adm | 3, Number of Administrative Orders | | 0 | 0 | 0 | 0 | 0 | 0 | |
| Summary | Total Enforcement | | 4, Number of Civil Referrals | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Enforcement | Actions | | 5, Number of Crin | inal Referrals | 0 | 0 | 0 | Q | 0 | 0 | 0 | |
| | | | 6. Number of Well | Shut-ins | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | 7. Number of Pipe | line Severances | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 8, Number of Othe (Specify) | er Enforcement Actions | 0 | 11 | 2 | 0 | 1 | 0 | 0 | |
| VII. Summary | Number of Wel | ls | | A. This Quarter | | | | | | | | |
| of Compliance | Returned to Co | mpli | ance | B. This Year | 0 | 13 | 3 | 0 | 0 | 0 | 0 | |
| VIII. Contamination | Number of Cas | es of | Alleged Contamin | ation of a USDW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| IX. MIT Resolved | Percent of MIT | Viola | ations Resolved in 9 | 90 Days | 0 | 53 | 44 | 0 | 0 | .0 | 0 | |

X. Remarks/Ad Hoc Report (Attach additional sheets)

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77 West Jackson Boulevard
Chicago, IL 60604

Michigan DI Program

II. Date Prepared (month, day, year)

March 08, 2019

III. State Contact (name, telephone no.)

IV. Reporting Period (month, year)

October 1, 2014

September 30, 2015

| | | | ļ | | | | | | - k | , | |
|------------------------|---|------|--|-----------------------------|---|-----------|-------------|---|--------------|----|---|
| | | | | | | (| Class and 1 | ype of Inje | ection Wells | | |
| | | | | | | | II | | | | |
| | | | ltem | | 1 | SWD 2D | ER 2R | HC 2H | 986 | IV | ν |
| | Total Wells | Α | Number of Wells w | ith Violations | 0 | 5 | 1 | | 0 | | 0 |
| Ī | | | 1. Number of Unau Injection Violation | | 0 | 0 | 0 | *************************************** | 0 | | 0 |
| V. | Š | | 2. Number of Mech | anical Integrity Violations | 0 | 3 | 0 | | 0 | | 0 |
| Summary | Total | В | Number of Operati Maintenance Vid | 0 | 0 | 0 | | 0 | | 0 | |
| Violations | Violations | | Number of Plugging and Abandonment Violations | | 0 | 0 | 0 | | 0 | | 0 |
| | | | 5, Number of Moni Reporting Viola | ions | 0 | 0 | 0 | | 0 | | 0 |
| | | | 6. Number of Othe (Specify) | r Violations | 0 | 2 | 1 | | 0 | | 0 |
| | Total Wells | А | Number of Wells v Enforcement Action | | 2 | 6 | 2 | | 1 | | 0 |
| | Total | P | 1. Number of Notice | es of Violation | 0 | 0 | 0 | | 0 | | 0 |
| | | | 2. Number of Cons | sent Agreements | 0 | 0 | 0 | | 0 | | 0 |
| | | | 3. Number of Adm | inistrative Orders | 0 | 0 | 0 | | 0 | | 0 |
| - | | | 4. Number of Civil | Referrals | 0 | 0 | 0 | | 0 | | 0 |
| Enforcement | Actions | | 5. Number of Crim | inal Referrals | 0 | 0 | 0 | | 0 | | 0 |
| | | | | | 0 | 0 | 0 | | 0 | | 0 |
| | Total Wells A Enforcement Actions 2 6 2 | 0 | | 0 | | | | | | | |
| | | | | | 2 | 8 | 2 | | 1 | | 0 |
| VII. Summary | Number of Wel | | | A. This Quarter | | | | | | | |
| of Compliance | Returned to Co | mpli | ance | B. This Year | 2 | 5 | 4 | | 0 | | 0 |
| VIII. Contamination | Number of Cas | es o | f Alleged Contamin | ation of a USDW | 0 | 0 | 0 | | 0 | | 0 |
| IX. MIT Resolved | Percent of MIT | Viol | ations Resolved in S | 00 Days | 0 | 45 | 44 | | 0 | | 0 |

X. Remarks/Ad Hoc Report (Attach additional sheets)

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Approval Expires 4/30/22

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Michigan DI Program

H. Date Prepared (month, day, year)

March 08, 2019

Ill. State Contact (name, telephone no.)

IV. Reporting Period (month, year)

October 1, 2015

September 30, 2016

| | | | | • | | | Class and | Type of Inje | ction Wells | | | | | | | | | | |
|------------------------|----------------------|-------|--|--|-----|-----------|-----------|--------------|-------------|----|---|----------------------------|--|---|---|---|---|---|---|
| | | | | | | | IJ | | | | | | | | | | | | |
| | | | Item | | l l | SWD 2D | ER 2R | HC 2H | <u> </u> | IV | v | | | | | | | | |
| | Total Wells | Α | Number of Wells v | vith Violations | 0 | 6 | 1 | 0 | 0 | 0 | 0 | | | | | | | | |
| | | | Number of Unau Injection Violati | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| V. | | | 2. Number of Meci | nanical Integrity Violations | 0 | 4 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Summary of | Total | В | Number of Operat Maintenance Vi | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Violations | Violations | | 4. Number of Plug and Abandonm | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| | | | Reporting Viola | , Number of Monitoring and Reporting Violations | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| | | | 6. Number of Othe (Specify) | | 0 | 2 | 1 | 0 | 0 | 0 | 0 | | | | | | | | |
| | Total Wells | А | Number of Wells v Enforcement Acti- | | 1 | 4 | 1 | 0 | 0 | 0 | 0 | | | | | | | | |
| | Total Enforcement | В | | 1. Number of Notices of Violation | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| .,, | | | 2. Number of Con | 2. Number of Consent Agreements | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| VI. Summary | | | | inistrative Orders | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| of | | | 4. Number of Civi | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Enforcement | Actions | | 5. Number of Crin | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| | | | | | | | | | | | | 6. Number of Well Shut-ins | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 7. Number of Pipe | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| | | | 8. Number of Othe (Specify) | er Enforcement Actions | 1 | 5 | 1 | 0 | 6 | 0 | 0 | | | | | | | | |
| VII. Summary | Number of Well | | | A. This Quarter | | | | | | | | | | | | | | | |
| of Compliance | Returned to Co | ппрн | ance | B. This Year | 0 | 3 | 1 | 0 | 0 | 0 | 0 | | | | | | | | |
| VIII. Contamination | Number of Cas | es of | f Alleged Contamin | ation of a USDW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| IX. MIT Resolved | Percent of MIT | Viola | ations Resolved in ! | 30 Days | 0 | 42 | 44 | 0 | 0 | 0 | 0 | | | | | | | | |

X. Remarks/Ad Hoc Report (Attach additional sheets)

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Michigan DI Program

authority of the Safe Drinking Water Act) Ii. Date Prepared (month, day, year) III. State Contact (name, telephone no.) IV. Reporting Period (month, year) March 08, 2019 September 30, 2017 October 1, 2016 Class and Type of Injection Wells SWD ER HC 2H 111 ١V ν 2D 2R Total Number of Wells with Violations 0 0 0 0 O 0 Wells 1. Number of Unauthorized 0 0 0 0 0 0 Injection Violations ٧. 2. Number of Mechanical Integrity Violations Λ 0 O n 0 0 Summary Number of Operation and 0 0 0 0 0 0 Maintenance Violations Total of Violations 4. Number of Plugging 0 0 0 0 and Abandonment Violations Violations 5. Number of Monitoring and 0 0 0 0 0 0 Reporting Violations 6. Number of Other Violations 0 0 0 0 0 0 (Specify) Number of Wells with **Total Wells** 1 2 1 Û ۵ 0 **Enforcement Actions** 1. Number of Notices of Violation 0 0 0 0 0 2, Number of Consent Agreements 0 0 0 0 0 0 VI. 3. Number of Administrative Orders 0 0 0 0 0 0 Summary 4. Number of Civil Referrals 0 0 0 0 ۵ 0 Total of Enforcement В 5, Number of Criminal Referrals Actions 0 0 0 Enforcement 6. Number of Well Shut-ins 0 0 0 0 0 0 7. Number of Pipeline Severances 0 0 0 0 0 0 8. Number of Other Enforcement Actions 0 2 ٥ ۵ 1 1 (Specify) A, This Quarter VII. Summary Number of Wells Returned to Compliance B. This Year 0 0 0 0 0 Compliance 0 0 0 0 Number of Cases of Alleged Contamination of a USDW Contamination Percent of MIT Violations Resolved in 90 Days 0 42 44 0 0 0 MIT Resolved X, Remarks/Ad Hoc Report (Attach additional sheets) Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

| Signature and Typed or Printed Name and Title of Person Completing Form | Date | Telephone No. |
|---|------|---------------|
| | | |

Approval Expires 4/30/22

U.S. Environmental Protection Agency Region 5

SEPA

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System Part II: Compliance Evaluation (This information is solicited under the authority of the Safe Drinking Water Act)

77 West Jackson Boulevard Chicago, IL 60604

I. Name and Address of Reporting Agency

Michigan DI Program

II. Date Prepared (month, day, year)

April 10, 2019

III. State Contact (name, telephone no.) Jill Dean 2025648241

IV. Reporting Period (month, year)

October 1, 2017

September 30, 2018

| | | | | | | | Class and | Type of Inje | ction Wells | | | | |
|------------------------|---------------------------|------|---|--|---|-------------------|-----------------|--------------|-------------|----|---|---|---|
| | | | | | | | <u> </u> | | | | | | |
| | | | Item | | 1 | SWD 2D | ER 2R | НС 2H | 111 | IV | V | | |
| | Total Wells | Α | Number of Wells v | rith Violations | 1 | 99 | 10 | 0 | 1 | 0 | 1 | | |
| | | | 1. Number of Unau Injection Violati | | 0 | 13 | 0 | 0 | 0 | 0 | 0 | | |
| V | | | 2. Number of Meci | nanical Integrity Violations | 0 | 68 | 10 | 0 | 1 | 0 | 0 | | |
| Summary | Total | В | Number of Operat Maintenance Vi | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Violations | В | | Number of Plugging and Abandonment Violations | | | 0 | 0 | 0 | 0 | 1 | | |
| | | | | . Number of Monitoring and Reporting Violations | | 38 | 0 | 0 | 0 | 0 | 0 | | |
| | | | 6. Number of Othe (Specify) | r Violations | 0 | 33 | 0 | 0 | 0 | 0 | 0 | | |
| | Total Wells | А | Number of Wells v Enforcement Action | | 1 | 99 | 10 | 0 | 1 | 0 | 1 | | |
| | Total | В | 1. Number of Noti | ces of Violation | 1 | 5 | 0 | 0 | 0 | 0 | 1 | | |
| | | | 2. Number of Con | sent Agreements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| VI. | | | 3. Number of Adm | inistrative Orders | 0 | 8 | 0 | 0 | 0 | 0 | 0 | | |
| Summary | | | 4. Number of Civil | Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Enforcement | Enforcement Actions | | 5. Number of Crin | ninal Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | 6. Number of Well | Shut-ins | 0 | 61 | 10 | 0 | 1 | 0 | 0 | | |
| | | | | | | 7. Number of Pipe | line Severances | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 8. Number of Othe (Specify) | er Enforcement Actions | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | |
| VII. Summary | Number of Wel | ls | | A. This Quarter | | | | | | | | | |
| of Compliance | of Returned to Compliance | | B. This Year | 0 | 1 | 10 | 0 | 1 | 0 | 0 | | | |
| VIII. Contamination | Number of Cas | es o | f Affeged Contamin | ation of a USDW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| IX. MIT Resolved | Percent of MIT | Viol | ations Resolved in | 30 Days | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

X. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

l certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form Jill Dean, Physical Scientist

08/06/2019

Approval Expires 4/30/22



United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System
Part II: Compliance Evaluation

(This information is solicited under the authority of the Safe Drinking Water Act)

1. Name and Address of Reporting Agency

U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604

Michigan DI Program

II. Date Prepared (month, day, year) September 24, 2019 III. State Contact (name, telephone no.) Valoria Robinson 3128864281 IV. Reporting Period (month, year)

October 1, 2018

March 31, 2019

| | | | | | | | Class and | Type of Inje | ction Wells | | |
|------------------------|--|-------------------------------------|---------------------------------------|------------------------------|---|-----------|-----------|--------------|-------------|----|-----|
| | | | | | | | | | | | |
| | | | item | | ı | SWD 2D | ER 2R | HC 2H | III | īV | V |
| | Total Wells | A | Number of Wells v | vith Violations | 2 | 16 | 11 | 0 | 0 | 0 | 1 |
| | | | Number of Unation Violation | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V. | | | 2. Number of Mec | hanical Integrity Violations | 2 | 16 | 11 | 0 | 0 | 0 | 1 |
| - | Total | | Number of Operat Maintenance Vi | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Violations | Violations | B | 4. Number of Plug and Abandonm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | V. Summary of Violations Total Violations Total Violations Total Violations Total Wells A Number of Wells Summary of Actions VII. Summary of Actions VIII. Summary of Compliance VIII. Number of Cases of Allege It. Number of Cases of Alleg | 5. Number of Mon Reporting Viola | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | 6. Number of Othe (Specify) | er Violations | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Wells | А | Number of Wells v Enforcement Acti | | 2 | 23 | 11 | 0 | 0 | 0 | 0 |
| | | orcement B | 1. Number of Noti | ces of Violation | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | | | 2. Number of Con | sent Agreements | 0 | 0 | 0 | 0 | 0 | 0 | . 0 |
| | | | 3. Number of Adn | ninistrative Orders | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | | 4. Number of Civi | l Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enforcement | | | 5, Number of Crin | sinal Referrals | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L. | | | 6. Number of Wel | l Shut-ins | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 7. Number of Pipe | eline Severances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 8. Number of Oth (Specify) | er Enforcement Actions | 2 | 16 | 11 | 0 | 0 | 0 | 0 |
| VII. Summary | VII. | | | A, This Quarter | 2 | 14 | 10 | 0 | 0 | 0 | 50 |
| of Compliance | Returned to Co | mpli | ance | B. This Year | | | | | | | |
| VIII. Contamination | Number of Cas | es o | f Alleged Contamin | ation of a USDW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1X. MIT Resolved | Percent of MIT | Viol | ations Resolved in | 90 Days | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

X. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form Valoria Robinson

Date 09/24/2019